

SPACE BASED AUGMENTATION SYSTEM WITH HIERARCHY FOR
DETERMINING GEOGRAPHICAL CORRECTIONS SOURCE

Abstract of the Disclosure

Systems, devices and methods are provided for determining the appropriate or desired geographical correction source for SBAS corrections. One aspect provided herein is a method. According to one method embodiment, a Space Based Augmentation System (SBAS) correction message is received from a selected SBAS satellite. It is determined whether at least one criterion is satisfied for using the selected SBAS satellite as a correction source and then processing the correction message received therefrom. A second SBAS satellite is selected from which to receive SBAS correction messages upon determining that at least one criterion is not satisfied for using the selected SBAS satellite as a correction source. One example of SBAS is the Wide Area Augmentation System (WAAS) used in North America. Other aspects and embodiments are provided herein.

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